

# FIGURE 1

```

1    cccggcactt ctcagtgagg ctctgtgggt cacctaagaa accagcctcc cttgcaggca
61   acgcctagct ggcctgggtc ggaggctctc ttcaaatatt tacatccaca cccaagatac
121  ggtcttgaga tttgactcgc atgattgcta tgggacaagt tttcatctgc agtttaaate
181  tgtttcccaa cttacattag gggtttgaa ttctagatcg tatttgaagt gttggtgcc
241  cacacacctt aacacctgca cgctggcaac aaaaccgtcc gctctgcagc acagctgggg
301  tcacctgacc tttctcctgt cccccccact tgagctcagt ggctgggcag caggggatgc
361  atggccactg gcggccaggt gcagctctca gctggggtgt tcagaggacg cctgtgtcct
421  cccctcccc atccctctgt cacccttgga ggcagagaac tttgcccgtc agtcccatgg
481  ggaatgtcaa caggcagggg cagcactgca gagatttcat catggtctcc caggccctca
541  ggctcctctg ccttctgctt gggcttcagg gctgcctggc tgcagggtgcg tccggggagg
601  ttttctccat aaacttggtg gaagggcagt gggcaaatec aggagccagc ccgggcttcc
661  caaaccccg ccttgctccg gacaccccca tccaccagga gggttttctg gcggctcctg
721  ttcaatttct ttccttctag aaaccagcat ccaggcacag gaggggaggc ccttcttggt
781  agcccaggct ttggcgggat tatttttcaa agaactttag gagtgggtgg tgcttctcgt
841  gcccccatgg cctgcctgtg gaggtcggac aagcgcaggg agtctggggc ctctcagagt
901  gcaggaagtg cgcacagggt gctcccaggc tggggagcac aggtagggga cgggtcgtgg
961  gggatggcgc ctggggcatg ggggatgggg tgtgggaaac ggcattgtgg gcgtagggga
1021 tggggtgtgg aggatcgggg gtggggatgg cgtgtggggg gtgggggatg ggccgtgggg
1081 ggggtggggc tgggaaacag catgtggggc atggggtgtg ggggtgaggt gtgggaaagt
1141 gtgtgggggt tgggggatgg ggcattgaaa gggcgtgtgg ggtgcagggg atggggcatg
1201 gaggtgtggg ggatgggggt tgtggggtgt cggggatggg gcatgtgggg tgtgggggat
1261 ggggcatgga aaggcgtgtg ggggtgcagag gatggggcat ggaggtctgg ggcattgggt
1321 gtgtgggggt tcggggatgg ggcattgaaa ggggtgtgtgg ggtgtgggga tagggtcagg
1381 ggatggcgtg gggggtgtgg catggggatg gcacgtgtgg catggggatg gggatggggg
1441 gtggggcatg gccgagtggg gctggggctg ggaatggtga gtggggcatg gggatggcga
1501 gtgggggtgt tggcgtgagg atggctagtg gggcgtgggg atggcgtgtg gggatggcga
1561 gtgggggtgt ggctgtgagg gacagtgcct gggatgtggc tgcagcccta gtcacagca
1621 tggccttatg accccggcca ccttctgccc caggcggggg cgctaaggcc tcaggaggag
1681 aaacacggga catgccgtgg aagccggggc ctacacagag tgagcaggga ctgccactgg
1741 ttttgtctct gggcccagtg ggggcaacat cacctccttc cctcccatg gcaaagagcc
1801 agcccgcggt gtggctactg cagtgcctcc caaggagggt gttccctgct cgagagggaag
1861 tgaccgctcc agcttgccct tccctgggac tggggtgcag gcgattttat cttctttgct
1921 ccattctgtt ccttccagat aatcgtgtgt tcttcatcag gttttctca gttcttgaga
1981 gcttttctga tgcaaatctg ctttcacccc agggcggtca ccggctctgc tcacaccagc
2041 ctccaagggt gtgggtgtcc cgggagtgtg ggtgtcccg gggcgtgggt gtcccgggag
2101 tgtgggtgtc ccggggcggt ggggtgtccc ggagtgtggg tgtcccgggg gcgtgggtgt
2161 ccggggagtgt tgggtgtccc ggggagtggg gtgtcccggg agtgtgggtg tcccaggggc
2221 gtgggtgtcc cgggagtgtg ggtgtcccgg gggcgtgggt gtcccgggag tgggggtgtc
2281 ccggaggcga ggggtgtccc ggagtgtggg tgtcccgggg gcgtgggtgt cccgggagtg
2341 tgggtgtccc ggggagtggg gtgtcccggg agtgtgggtg tcccaggggc gtgggtgtcc
2401 cgggagtgtg ggtgtcccgg gggcgtgggt gtcccgggag tgtgggtgtc ccggagcgag
2461 ggtgtcccgg gagtgtgggt gtcccggggg cgtgggtgtc ccggaggcga ggggtgtcca
2521 ggagtgtggg tgtcccgggg gcgtgggtgt cccgggagtg tgggtgtccc ggaggcgagg
2581 gtgtcccggg agtgtgggtg tcccgggggc gtgggtgtcc cggaggcgag ggtgtcccag
2641 gagtgtgggt gtcccggggg cgtgggtgtc ccgggagtgt ggggtgtcca gaggcgaggg
2701 tatccagaaa gtgtgagtgt cccgggggtg tgggtgtccc gggggcgtgg gtgtcccggg
2761 agtgtgggtg tcccgggggc gtgggtatcc cagaagtgtg agtgtcccag gggcgtgggt
2821 gtcccggggc gtgggtgtcc cgggggtgtg ggtgtcccgg gggcgtgggt tgtcccggga
2881 gcgtgggtgt cggggactgc agggacatgg gcctcccctc cactcctgc cggccagggc
2941 acctcctgtg aggactcgga gtccgtgagt tccacctcc ttgagccga ttctttggtg
3001 tcccgcctg catcctcagc ctccctccaa accagaccag ttctctaggg gcgtcgacgt
3061 gtgaaactga ttttaaagaa aacaggcggt ggcctttctc tcggccccac gtggcccggt

```

## FIGURE 1 (continued)

```

3121 agcgcctcacc ttccgtccct tcttccgcgc tcagtaacca atttaggcgg ctctctgcaga
3181 actcgggctc ctgcccaccg gcccacagcg tccacctgag gcctcttctt cccagcaaag
3241 gtcgtccctc cggaaacgcgc ctctctgcgc ctctccagag cccctcccg cgcgtctctc
3301 agccccgcct gcctcctccc ggggcctccc tctccgcct gcccccaggc cgtctcctt
3361 cgcgggctga ggcagggtcg gcagcacggc gcccgggggc ggggtcactc tccaccaccg
3421 cgtgggtgcc acagctcacg gcgtcccggt gtgacgggtc cctcggctgt agggcgtcct
3481 gaagagcggc ctgctcggag ctgagcgcac ggggttgctt gccctggggc gtctctggcc
3541 ctcaccagcc cgtcttccc atgggcaaaa cggcgggtct gtttgccac aagtaaccgt
3601 cggggttacg gaggggcccag gagctgcggc ggggggctgt gctctcagga ccggccccag
3661 gaggatccgc gcgaggtctg gagctctcag ggttcgcggg ggacagaggg gccccaaagc
3721 gaggcgggaa ggcggcagaa gccaggacc gccaaagact ggcgaggaag cccggggctc
3781 gctgtcgggg gagccgggca ggggcgcgc ctcggcacca ggacgcgagg cctgggaagg
3841 cggatctggc cgcgagcacg cgggtcgggt ggagacgcag ggatttggtt ttccgcgggc
3901 gctgcacgga ttccacgcg cgggttcact gggccccagg ggggtgcccg caccgggggc
3961 cgcgcgcct tctcctgcc ggcctcgacc cgcagcctca cgtttaccgc ggcccccga
4021 gcccccttcg cccgcttccg cgcgtgcccc cgagcgcgcc ctcgggatca gcccccgaa
4081 gcagagaggc caggccggga aggatggggc aacgggggtg ctgaccgggg agcacggcag
4141 ggaggacacc cagccaggcc cgcgagcagc gccgtcccc tctccagga cgggcgggaa
4201 cctgcgatgc cccgcgcgcg tgggcctggg ggcgggtctc gaggcactgg gcggggcacg
4261 cgggtgggcg ttccacggaac tcgcatttcc cagtcttctt aaccaggag gaagcccacg
4321 gcgtcctgca ccggcgccgg cgcgccaacg cgttctctga ggagctgcgg ccgggtctcc
4381 tggagagggg gtgcaaggag gagcagtgtt ccttcgagga ggcccgggag atcttcaagg
4441 acgcggagag gacggtgagc ccagcctcgg ggcgccccgc gcggacactg caccgcggcg
4501 gtgaaccagg ccgcgtgggg ccgcctgcgt ctctttggct gcggcctgtg ggcgggaaac
4561 acgcagcggc gccgcgcgc gcgtctcttc tgccgggggt gctttccgcc cggggtgact
4621 ccgctttctt gggcgatgcc cccaccccca ggcacgcgt ctccccgtgc ggccgcaccg
4681 cgcctgcggc ttttcacatc agaaaatacg atttgacaaa gcacacttag ggtgtcccc
4741 tlaacllccc aagggaglc cccaglcgc cyaaglcag ggcagcclgc gcalcycaga
4801 cgcgcgcggc tcgcagaagg gacgtggtga gaagctggcc cacagcatgc caccagcggc
4861 acctcctcag ggcacgtgtc ggggagaaac aacacttagg gacctgggga ctttctccag
4921 ctcacgtcga cgggtccacc tcacactacc aagatcacct caatagacgg aactcacac
4981 agggcacact tcacactcac aggtcacctc aactcacag gacacctcac actcacagg
5041 cacacttcac actcacgggt cacctcacac tccaagatca cctaaagagg acacctcaca
5101 cagggcacac tcacactca caggtcacac tcacacaga tcatctcatt acacaggac
5161 acctccctct cacaggtcac ctcacactca caggacacct cacagaggtc acctcacacc
5221 cacaggacac ctcacagagg tcacctcaca cggggcacac ttcacactca ggtcacctca
5281 caccacagg acacctcaca gaggtcacct cacacccaca ggacaactca cagagggtcac
5341 ctcacacagg acacctcaca aaggtcacct cacacccaca ggacacctca cactcatagg
5401 cacctcagtc ttacaggaca actcacactc acaggtcacc tatctcacag gacacctcac
5461 actcacaggc cacttactc tcacaggaca cctcacacag ggcacacttc actccacagg
5521 tcaccatacc tcacacagat cacctcatac tcacagatca cttcattcat tctcacagga
5581 tacctcacac tcagggcaca cttcacactc acaggtcaca cctcacacag atcatctcat
5641 tctcacagga cacctccctc tcacagggtc cttcacactc atctcacact cacaggtcgc
5701 cacacctcac actcacagga tgctcacac tcacagaacc acatctcata tgcacaagac
5761 acctcacact caggcacctt catgctcaaa gaagcctcac actcacagga ggtccagctg
5821 cctgaggcaa aggctaacat gaccctttcc agacaaattg aggatgggtc tgcttagcat
5881 ttttatacac ctagttttga aagccttctt catctgttgt attctcacag cccccgtga
5941 gtttaagttc aggtggccaa cagtttcttc agcaatcact tttttctgtg gagtgtcttt
6001 gctgtttgtg gaatattttg catctgctac tgcacctct ccccgatgt gtggccaccc
6061 tgtcagaggc ggagctgtgg ctcagagcct gtgtacctc tcccagggtc acagctcagc
6121 gacagaagag tcagggttga acctcgggtg ttctgacttg ggagcaggaa atgtgtggtc
6181 acccatagtt ccagatgtcc tggggagggg ccaagattag aagaaacct cctcagctcc
6241 agaggaaagt ctggcttctt gagccacccc cgcagacccc aggtccaagt ccccaaccc
6301 cagttcatgg tgtgtccagt gcttaccgtt ggggtgctct gtgaagggtg atctcacgag
6361 gcttgctctc ttgttctctc agaagctgtt ctggatttct tacagtgggt agtggatgat

```

## FIGURE 1 (continued)

6421	caccaccagt	cctgcctgca	acccttctca	gcttactgac	accagccac	tccacagatg
6481	gggaccagtg	tgctcaagt	ccatgccaga	atgggggctc	ctgcaaggac	cagctccagt
6541	cctatatctg	cttctgcctc	cctgccttcg	agggccggaa	ctgtgagacg	cgtaaggccc
6601	cactttgggt	cccatatttg	cagagggccc	tggggagctg	gtggaggtgg	cctggccaac
6661	cgggctgcag	ggtgcaacaa	cctggtgggg	tgtgtaggcc	gggcattcag	ggctcagccc
6721	agttggaaat	tggtctaggt	gacctttaa	tcccttccag	tctgaggtct	ttgacaggga
6781	cccaagggtc	tgattatcag	actcagtggc	ccccttcgcg	gtcccggccc	tgggcaactt
6841	ctcagccctg	gagactggcc	cagttgagag	tccctgtgtc	ccgtgtgccc	attccagatc
6901	ccacctagct	aggtaccctg	ttggtaaact	tcccttctc	ctactttcca	ttacaaaggt
6961	ttgaggggtt	tggttttttt	tttaaccatc	tgaatattaa	attaatcaca	aagtttaggg
7021	cccccaacct	cccttgggtt	cagtaattca	ctagaaggac	acatagaaat	ccaaatatcc
7081	actgagtggg	tacactcaca	ggtaccgttt	attacagcaa	aggatgcagg	cttaagtctg
7141	cagaggggac	agggacaagc	ttcccttgt	cctctcctgt	ggggcatgt	ggacatcctt
7201	aattctccca	gaatgacgtg	tgacgagaac	gtgggaagta	ctgccaaact	tggggaacgc
7261	tacgagcccc	gtgtccagag	gtttgatcag	ggctcaatga	catagaccca	gctgaccagg
7321	cacgcatggc	tgacctcagt	ctcagccct	ccagagctac	gccgataatg	cggccaaggc
7381	cccaccatac	atcacattgt	cagctagacc	atccagcatg	gctcaaggcc	caggtaaaca
7441	ccaacattcc	ctcaggcaag	accttccaag	ggcttagcgg	tcatttccca	ggagccaagg
7501	caaaggctac	cctttctctg	gcacagcagt	tcctccttga	ccaccaaga	ccacattctt
7561	acactgaatg	agctctcctg	tgacgagcc	atcttcttct	ctaagcagaa	gagagcccag
7621	caagctggag	gaggctgaag	agagaggctt	cctgctggtc	atctgggtcc	agaatgcctg
7681	gagatctctg	ctcagccctg	gtgccagca	gcctgggtgt	gcctcctgca	gggcagcctt
7741	cccgcggag	tccctggactt	gctcagggcc	actcccttg	cccatgtcaa	ccaaagtcag
7801	gctgcgggtt	ctgcttcttc	tgtctgagcc	catgaccagt	gctgggacta	actgtcccc
7861	aggcgggctc	acgggtgtac	gaggccagct	tggagaactg	tctcagctct	ctggtcctct
7921	cgtcagttgg	gtctctgatt	ggaaagtccc	ttggacactt	taccatcccc	attggacttt
7981	cactttcccc	caggctccca	tcagctgtct	ggaagagtgg	tcacctgga	ggccactgcc
8041	caccagccag	gcacccccca	aatycaaccy	cagccagcac	tgccagccac	tggcaaggct
8101	gttcagacat	gtggctcctc	tgatccacgc	cttgtccttt	ggatcagtc	acggagcagt
8161	gtgccaagct	caggctctgt	caccacagc	tcatgccacc	ttccaggcag	aacaccactg
8221	ctgaccagag	ggcatggcca	ccccgggggc	tggcgtctcg	ctgaccccca	gaagcccctc
8281	tcagggtgtc	cccttctctg	ccccagacaa	ggatgaccag	ctgatctgtg	tgaacgagaa
8341	cggcggctgt	gagcagtact	gcagtgacca	cacgggcacc	aagcgtcct	gtcgggtgcca
8401	cgaggggtac	tctctgtctg	cagacggggt	gtcctgcaca	cccacaggtg	accaggtctt
8461	atgtccagct	cccagatgac	accagtcctt	gtcccactag	gattatctta	ctggacaaaa
8521	gacgggtggg	actggccttc	acatctactg	agcactaact	atgcactgac	caattgtgag
8581	gtgggatctg	ggcaccaagg	gtggcacagg	ccagcagcga	ccagtgacta	ggatgggcac
8641	cctgggggca	atccctgaat	ggcctcaggc	cccctgccaa	cttctaggca	gaccagggga
8701	gccaagcaag	gcactatctc	acgtccaact	gccactcgc	aggaatcctc	cgccagggtt
8761	catgaatcta	cttcggcaca	gccaatgtct	gtactgactg	ctgcccactc	tgcattccaa
8821	aactcgtaaa	ggctcctggg	aaaatgggat	gtttctccaa	accagcctgg	aacgaatggg
8881	ctgcacttcc	aaaagcaggg	acaccccaca	cccactgtct	ctaaagaggc	ggaacgtgcc
8941	caccctggcc	acacagcctg	ggactcagcc	tgccacctcc	tggggttcc	tttctggccc
9001	aagaccttga	ttgaagcaga	tcaaaactaa	gcatgggatc	aaaacaacac	agtttgattc
9061	atcttttaggt	agaatttcat	tcaccttcta	ctaaagtcaa	acaacacatc	ttctccctga
9121	aaagttagca	gagggcggtt	ttaagacgta	agccctctgt	ttctccaaa	accagccctg
9181	accattgtct	cctcagccag	ccacttcttc	aagggcctct	catggccggg	ccccaccagt
9241	caggcccgag	cgaggccctg	ccttcaccca	cccctgggcc	ctgggagctc	ctgctcctgg
9301	gggcctccca	tagcctcggc	ctcaaggcct	ctcagaggat	gggtgtttct	gaatctttcc
9361	tagtggcag	ttcatccctc	acaaatctct	gcatctttct	gacttttgtt	ttacacagtt
9421	gaatatccat	gtggaaaaat	acctattcta	gaaaaaagaa	atgccagcaa	accccaaggc
9481	cgaattgttg	ggggcaagg	gtgccccaaa	ggggagtgtc	catggcagg	aaggcttccc
9541	ctggcttcag	gattccaagc	cctgagggtc	ttgaagcctt	ttgaatgtga	acaacagctc
9601	tgggaaggaa	aatgggcagg	tcagcccaag	cccacaggct	ccaagtccag	acacctagca
9661	cctccagctc	gcggcacccc	catgctttta	gtggggcaag	gaaggagaaa	agaaaacgac

## FIGURE 1 (continued)

9721 actcaactgag ggtctaccct gtgcagagaa cctgcgaga tgcccatcc gagttgtcac  
 9781 gtcgtcctca cggttactct ttgaggtggg atctttgcct gatctttgca aaatcaggag  
 9841 cattggatca aagctatgtg aagatcctgt gaggtgaaca gtgaaatctc acagcgacat  
 9901 ttgtattctt gggccgtgcc caagagcacg tctcggctag agaggggcac agcctcccag  
 9961 agccaggtct gagcagcttt gctggggagg gatctgcaa gacccagga tttcagaaag  
 10021 aaattgtgca atgccagagg ttccttggca tgccggggag ggcgagtcac cagagaaaca  
 10081 atgacagcaa tgtgacttcc acacctcctg tcccccgcc caggctcctgt tgttggtgaa  
 10141 tggagctcag ttgtgtgggg ggacctgat caacaccatc tgggtggtct ccgcggccca  
 10201 ctgtttogac aaaatcaaga actggaggaa cctgatcgcg gtgctgggtg ggtaccactc  
 10261 tccccgttcc gaccgcggtg ctgggtgggt gccactcttc cctgtccgac cgcggtgctg  
 10321 ggtgggtgcc actctcccc gtccgaccgc ggtgctgggt gggtgccact ctcccctgtc  
 10381 cgaccgcggt gctgggtggg tgccactctc cgctgtccga ccgcggtgct ggtgggttac  
 10441 cactctcccc tgtctgaccg cagctctcaa gtgtctcagg ggctgtggct ctgggcttcg  
 10501 tgctgtcact tccacagaca gacagacatc cccaaaaggg gagcaaccat gctgggcacg  
 10561 actgcctgtg gcaccgtgct ctccagccact tccccatgcc caaataaaac gataaaagac  
 10621 tgggggcttc tgcccatcct gcctcacttg accaagagcc cagaagagga tgcgacaccc  
 10681 agggcctcat gggaccaccg gctggcaggg gttctgtctc ctgggtttat ggggtgagacg  
 10741 agcactccca ggagggccac tgggcccggg agaactgtgg agaatcgggg cacgcccgtg  
 10801 cctcccagct gccagggcac agcatccctt cccacactgc aacacccaga cccagattc  
 10861 accccagttc acttgtcccc acacgagcca caggctgcca cctggggcag gctggcccac  
 10921 cttgggggta gatgcaggtc ccttgcccc agaaggagac tgcagcccct gcagacctag  
 10981 aaatggccac agcccatccc catgcaccag ggggtgaggt ggcaggtggt ggaaaggggc  
 11041 tgaggggggc ttcttcttc caggcgagca cgacctcagc gagcacgac gggatgagca  
 11101 gagccggcgg gtggcgaggg tcatcatccc cagcacgtac gtcccgggca ccaccaacca  
 11161 cgacatcgcg ctgctccgcc tgcaccagcc cgtggtcctc actgaccatg tggtgcccct  
 11221 ctgctgccc gaacggacgt tctctgagag gacgctggcc ttcgtgcgct tctcattggt  
 11281 cagcggctgg ggccagctgc tggaccgtgg cgccacggcc ctggagctca tggctcctca  
 11341 cgtgccccgg ctgatgacct aggactgcct gcagcagtc cgggaagggtg gagactcccc  
 11401 aaatatcacg gagtacatgt tctgtgccgg ctactcggat ggcagcaagg actcctgcaa  
 11461 gggggacagt ggaggccccc atgccaccca ctaccggggc acgtggtacc tgacgggcat  
 11521 cgtcagctgg ggccagggct gcgcaaccgt gggccacttt ggggtgtaca ccagggtctc  
 11581 ccagtacatc gagtggctgc aaaagctcat gcgctcagag ccacgcccag gagtccctct  
 11641 gcgagcccca tttccctagc ccagcagccc tggcctgtgg agagaaagcc aaggctgcgt  
 11701 cgaactgtcc tggcaccaaa tcccatatat tcttctgcag ttaatggggt agaggagggc  
 11761 atgggagggg gggagaggtg gggagggaga cagagacaga aacagagaga gacagagaca  
 11821 gagagagact gagggagagg cctctgaggac atggagagag actcaaagag actccaagat  
 11881 tcaaagagac taatagagac acagagatgg aatagaaaag atgagaggca gaggcagaca  
 11941 ggcgctggac agaggggcag gggagtgcga aggttgtcct ggaggcagac agcccagctg  
 12001 agcctcctta cctcccttca gccaaagccc acctgcacgt gatctgctgg ccctcaggct  
 12061 gctgctctgc cttcattgct ggagacagta gaggcagtaa cacacatgga tgcacacaca  
 12121 cacacgcca tgacacacac cagagatatg cacacacacg gatgcacaca cagatggtca  
 12181 cacagagata cgcaaacaca ccgatgcaca cgcacataga gatatgcaca cacagatgca  
 12241 cacacagata tacacatgga tgcacgcaca tgccaatgca cgcacacatc agtgcacacg  
 12301 gatgcacaga gatatgcaca caccgatgtg cgcacacaca gatatgcaca cacatggatg  
 12361 agcacacaca caccaagtgc gcacacacac cgatgtacac acacagatgc acacacagat  
 12421 gcacacacac cgatgctgac tccatgtgtg ctgtcctctg aaggcggttg ttagctctc  
 12481 acttttctgg ttcttatcca ttatcatctt caattcagac aattcagaag catcaccatg  
 12541 catggtggcg aatgccccca aactctcccc caaatgtatt tctcccttcg ctgggtgccc  
 12601 ggctgcacag actattcccc acctgcttcc cagcttcaca ataaacggct gcgtctcctc  
 12661 cgcacacctg tgggtgctgc caccactgg gttgcccag attcattttt ggagcccccg  
 12721 gtgctcatcc tctgagatgc tcttttcttt cacaattttc aacatcactg aaatgaaccc  
 12781 tcacatggaa gctatttttt aaaaacaaaa gctgtttgat agatgtttga ggctgtagct  
 12841 cccaggatcc

## FIGURE 2

MVSQALRLLCLLLGLQGCLAAGGVAKASGGETRDMPWKP GPHRVFVTQEEAHGVLHRRRRRANAFLE  
ELRPGSLERECKEEQCSFEEAREIFKDAERTKLFWISYSDGDQCASSPCQNGGSKDQLQSYICFCLPAF  
EGRNCETHKDDQLICVNENGGCEQYCS DHTGTRSCRCHEGYSLLADGVSCPTPTVEYPCGKIPILEKRN  
ASKPQGRIVGGKVCPKGECPWQVLLL VNGAQLCGGTLINTIWVVSAAHCFDKIKNWRNLIAVLGEHD  
LSEHDGDEQSRRVAQVIIPSTYVPGTTNHDIALRLHQPVVLT DHVVPLCLPERTFSERTLAFVRFSLVS  
GWGQLLDRGATALELMVLNVPRLMTQDCLQQSRKVGDSPNITEYMFCAGYS DSGSKDSCKGDSGGPH  
ATHYRGTWYLTGIVSWGQGCATVGHFGVYTRVSQYIEWLQKL MRSEPRPGVLLRAPFP